In re: Application of Ekwuribe et al.

Serial No.: 09/429,798 Filed: 29 October 1999

Page 18

## In the Claims:

Please replace the following amended claims with the clean versions that follow hereinbelow:

7. (Amended) The amphiphilic drug-oligomer conjugate of claim 1 wherein the therapeutic compound is [met<sup>5</sup>]enkephalin (SEQ ID NO:48).

20. (Amended) An amphiphilic oligomer-enkephalin conjugate selected from the group consisting of:

$$HN - C(O) - OC_2H_4 - OC_2H_4 - N - C(O)CH_2CH_2 - (CH = CH - CH_2)_6CH_3$$
 (SEQ ID NO:1);

H<sub>2</sub>N-Tyr-Gly-Gly-Phe-Met-Lys-COOH

$$HN - C(O) - OC_2H_4 - OC_2H_4 - N - C(O)(CH_2)_7 - CH = CH - CH_2 - CH = CH - (CH_2)_4 - CH_3$$
 (SEQ ID NO:1);

/ H<sub>2</sub>N-Tyr-Gly-Gly-Phe-Met-Lys-COOH

$$HN - C(O) - OC_2H_4 - OC_2H_4 - O-(CH_2)_{15} - CH_3$$
 (SEQ ID NO:1);

H<sub>2</sub>N-Tyr-Gly-Gly-Phe-Met-Lys-COOH

$$HN \rightarrow C(O)-O-(C_2H_4O)_3-C(O)-(CH_2)_{14}-CH_3$$
 (SEQ ID NO:1); and

$$C(O)$$
-O- $(C_2H_4O)_3$ - $C(O)$ - $(CH_2)_{14}$ - $CH_3$ 

$$HN - C(O) - O - (C_2H_4O)_3 - C(O) - (CH_2)_{14} - CH_3$$
 (SEQ ID NO:2).

In re: Application of Ekwuribe et al.

Serial No.: 09/429,798 Filed: 29 October 1999

Page 19

21. (Amended) An amphiphilic oligomer-enkephalin conjugate wherein the oligomer is comprised of a lipophile and a hydrophile and the lipophile is coupled to the hydrophile by a hydrolyzable bond, said conjugate being selected from the group consisting of:

H<sub>2</sub>N-Tyr-Gly-Gly-Phe-Met-Lys-COOH

$$H\dot{N}$$
—  $C(O)$ - $OC_2H_4$ - $OC_2H_4$ - $N$ - $C(O)(CH_2)_7$ - $CH$ = $CH$ - $CH_2$ - $CH$ = $CH$ - $(CH_2)_4$ - $CH_3$  (SEQ ID NO:1); and

Tyr-Gly-Gly-Phe-Met-Lys-COOH

$$HN - C(O) - OC_2H_4 - OC_2H_4 - O - (CH_2)_{15} - CH_3$$
 (SEQ ID NO:1).

22. (Amended) An amphiphilic oligomer-enkephalin conjugate wherein the oligomer is comprised of a lipophile and a hydrophile and the lipophile is coupled to the hydrophile by a non-hydrolyzable bond, said conjugate being selected from the group consisting of:

$$\begin{array}{c} \text{H}_2\text{N-Tyr-Gly-Gly-Phe-Met-Lys-COOH} \\ \text{HN----} \text{C(O)-O-CH}_2\text{-}(\text{C}_2\text{H}_4\text{O})_2\text{-CH}_2\text{-}\text{C(O)-O} \end{array} \tag{SEQ ID NO:1)};$$

 $\label{eq:h2N-Tyr-Gly-Gly-Phe-Met-Lys-COOH} $$ IN $$ C(O)-O-(C_2H_4O)_3-C(O)-(CH_2)_{14}-CH_3$ (SEQ ID NO:1); and $$ ID $$ NO:1, $$ $$ NO:1$ 

$$\begin{array}{c} C(O)\text{-O-}(C_2H_4O)_3\text{-C}(O)\text{-}(CH_2)_{14}\text{-CH}_3\\ \\ \text{HN-Tyr-Gly-Gly-Phe-Met-Lys-COOH}\\ \\ \text{HN----}C(O)\text{-O-}(C_2H_4O)_3\text{-C}(O)\text{-}(CH_2)_{14}\text{-CH}_3 \end{array} \tag{SEQ ID NO:2).}$$